| Ind | ex | of | CI    | aiı | ns |
|-----|----|----|-------|-----|----|
|     |    |    | 18811 |     |    |

| <br>  | <i></i> |
|---|---------|
| <b>i 6</b> 0358 <b>6</b> 1611 1 <b>88</b> 1 |         |
|   |         |
|   |         |
|   |         |
|   |         |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/667,050      | BOGIN ET     |
| Examiner        | Art Unit     |

Kimberly N. McLean-Mayo

Art Unit 2187

| X | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
|   | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|          |          | Data                                |          |           |    | г                                   | Claim Date                          |          |   |            |          |       |          |   |        | ſ       | Claim Date |        |          |         |          |          |      |       |          |   |          |        |        |           |          |           |           |                  |
|----------|----------|-------------------------------------|----------|-----------|----|-------------------------------------|-------------------------------------|----------|---|------------|----------|-------|----------|---|--------|---------|------------|--------|----------|---------|----------|----------|------|-------|----------|---|----------|--------|--------|-----------|----------|-----------|-----------|------------------|
| Cla      | alm _    | Date                                |          |           |    |                                     |                                     |          | - | Claim Date |          |       |          |   |        |         |            |        | $\dashv$ |         |          | 21111    | Date |       |          |   |          |        |        |           |          |           |           |                  |
| Final    | Original | 3/15/05                             |          |           |    |                                     |                                     |          |   |            | 3        | Final | Original |   |        |         |            | •      |          |         |          |          | -    | Final | Original |   |          | i      |        |           |          |           |           |                  |
|          | 1        | Ι-                                  |          |           |    |                                     |                                     | Г        |   | $\neg$     | <u> </u> |       | 51       |   |        | T       | $\neg$     | ヿ      |          | 寸       | $\neg$   |          |      |       | 101      |   |          | T      |        |           |          | П         |           |                  |
|          | 2        | -                                   | -        |           |    |                                     |                                     |          |   | $\neg$     | F        |       | 52       |   |        |         | T          | $\neg$ | 寸        |         | 寸        | $\neg$   |      |       | 102      |   |          |        |        |           |          |           | $\neg$    |                  |
|          | 3        | -                                   | Г        |           |    |                                     |                                     |          |   | $\neg$     |          |       | 53       |   |        |         | ヿ          |        | $\dashv$ | ヿ       | T        |          |      |       | 103      |   |          |        |        |           |          | П         | $\neg$    |                  |
|          | 4        | ١-                                  |          |           |    |                                     |                                     |          |   |            |          |       | 54       |   |        |         | 寸          |        |          | 一       |          |          |      |       | 104      |   |          | T      |        |           |          | П         |           |                  |
|          | 5        | -                                   |          |           |    |                                     |                                     |          |   | $\neg$     |          |       | 55       |   |        | T       |            |        |          | 一       |          |          |      |       | 105      |   |          |        |        |           |          | П         |           |                  |
|          | 6        | -                                   |          |           |    | <u> </u>                            |                                     |          |   |            |          |       | 56       |   |        |         |            |        | $\neg$   | $\neg$  |          |          | 1    |       | 106      |   | ı        |        |        |           |          | П         |           |                  |
|          | 7        | -                                   |          |           |    | <b>-</b>                            |                                     |          |   |            |          |       | 57       |   |        |         |            |        | $\neg$   |         | T        |          | .    |       | 107      |   |          | T      | $\neg$ |           |          | П         | $\Box$    |                  |
|          | 8        | X                                   |          |           |    |                                     |                                     |          |   |            | -        |       | 58       |   |        |         |            | T      | $\neg$   |         | T        | T        |      |       | 108      | • |          |        |        |           |          | П         |           |                  |
|          | 9        | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 59       |   |        |         |            |        | $\neg$   | ヿ゙      | $\neg$   |          | -    | -     | 109      |   |          | $\Box$ |        |           |          | П         |           |                  |
|          | 10       | -                                   |          |           | •  |                                     |                                     |          |   |            |          |       | 60       |   |        |         | ĺ          |        | П        | $\neg$  |          |          |      |       | 110      |   |          |        |        |           |          |           |           |                  |
|          | 11       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 61       |   |        |         | T          | T      | $\neg$   | T       |          |          |      |       | 111      |   |          |        |        |           |          |           |           |                  |
|          | 12       | X                                   |          |           |    |                                     |                                     |          |   |            | ~        |       | 62       |   |        |         |            |        |          |         |          |          |      |       | 112      |   |          |        | _]     |           |          |           |           | ╚                |
|          | 13       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 63       |   |        |         |            | 1      |          |         |          |          | . [  |       | 113      |   |          |        |        |           |          |           |           |                  |
|          | 14       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 64       |   |        |         |            |        |          |         |          |          |      |       | 114      |   |          |        |        |           |          |           |           |                  |
|          | 15       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 65       |   |        |         | П          |        |          |         |          |          |      |       | 115      |   |          |        |        |           |          |           |           |                  |
|          | 16       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 66       |   |        |         |            |        |          |         |          |          |      |       | 116      |   |          |        |        |           |          | Ш         |           |                  |
|          | 17       | X                                   |          |           |    |                                     |                                     |          |   |            | . [      |       | 67       |   |        |         |            |        |          |         |          |          | -[   |       | 117      |   |          |        |        |           |          |           |           |                  |
|          | 18       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 68       |   |        |         |            |        |          |         |          |          |      |       | 118      |   |          |        |        |           |          |           |           |                  |
|          | 19       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 69       |   |        |         | П          |        |          |         |          |          | -, - |       | 119      |   |          |        |        |           |          |           |           |                  |
|          | 20       | X                                   |          |           |    |                                     |                                     |          |   | $\neg$     | Г        |       | 70       |   |        |         |            |        |          |         |          |          | . [  |       | 120      |   |          |        |        |           |          |           |           |                  |
|          | 21       | Х                                   |          |           |    |                                     |                                     |          |   |            | Γ        |       | 71       |   |        |         |            |        |          |         |          |          |      |       | 121      |   |          |        |        |           |          |           |           |                  |
|          | 22       | -                                   |          |           |    |                                     |                                     | П        |   |            | · [      |       | 72       |   |        |         | $\Box$     |        |          |         |          |          |      |       | 122      |   |          |        |        |           |          |           |           |                  |
|          | 23       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 73       |   |        |         | $\Box$     |        |          |         |          |          | . [  |       | 123      |   |          |        |        |           |          |           |           |                  |
|          | 24       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 74       |   |        |         |            |        |          |         |          |          | - 1  |       | 124      |   |          |        |        |           |          | $\Box$    |           |                  |
|          | 25       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 75       |   |        |         |            |        |          |         |          |          | [    |       | 125      |   |          |        |        |           |          |           |           |                  |
|          | 26       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 76       |   |        |         |            |        |          |         |          |          |      |       | 126      |   |          |        |        |           |          |           |           |                  |
|          | 27       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 77       |   |        |         |            |        |          |         |          |          | -[   |       | 127      |   |          |        |        |           |          |           |           |                  |
|          | 28       | -                                   |          |           |    |                                     |                                     |          |   |            |          |       | 78       |   |        |         |            |        |          |         |          |          |      |       | 128      |   |          |        | _      |           |          |           |           |                  |
|          | 29       | -                                   |          |           |    |                                     |                                     |          |   |            | Y        |       | 79       |   |        |         |            |        |          |         |          |          |      |       | 129      |   |          |        |        |           |          |           |           |                  |
|          | 30       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 80       |   |        |         |            |        |          |         |          |          |      |       | 130      |   |          |        |        |           |          | ш         |           |                  |
|          | 31       | Х                                   |          |           |    |                                     |                                     |          |   |            | Ė        |       | 81       |   |        |         |            |        |          |         |          |          |      |       | 131      |   |          |        |        |           |          | Ш         |           |                  |
|          | 32       | X                                   |          |           |    |                                     |                                     |          |   |            |          |       | 82       |   |        |         |            |        |          | $\perp$ |          | Ц        |      |       | 132      |   |          |        |        |           |          | Ш         |           |                  |
|          | 33       |                                     |          |           |    |                                     |                                     |          |   |            |          |       | 83       |   |        |         |            |        |          | _       | _        |          |      |       | 133      |   | $\Box$   | _      |        |           |          | Щ         |           | $ldsymbol{oxed}$ |
|          | 34       |                                     |          |           |    |                                     |                                     |          |   |            | L        |       | 84       |   |        |         |            |        |          |         | $\perp$  | Ц        |      |       | 134      |   | $\sqcup$ |        |        |           |          | $\square$ |           | <u> </u>         |
|          | 35       |                                     |          |           |    | L                                   | _                                   |          |   |            | L        |       | 85       | Ш | $\Box$ | $\perp$ |            |        |          |         | _        | Ц        |      |       | 135      |   | $\sqcup$ | _      | _      |           |          | $\square$ |           | ⊢                |
| L        | 36       |                                     |          |           | ļ  | $oxed{oxed}$                        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | Ш |            | -        |       | 86       | Ш | Ш      | $\perp$ |            |        |          |         | _        | _        |      |       | 136      |   | $\sqcup$ |        | _      |           | Щ        |           | !         | <u> </u>         |
|          | 37       | <u> </u>                            | L_       |           | L_ | <u> </u>                            | $oxed{oxed}$                        | Ш        | Ш |            | L        |       | 87       | Ш |        | _       |            |        |          |         | _        | [        |      |       | 137      |   | $\sqcup$ | _      | _      | Ш         | Щ        |           | اــــا    | <b>—</b>         |
|          | 38       |                                     | Ш        |           | L. | Щ                                   | <u> </u>                            | Ш        |   |            | L        |       | 88       |   |        |         |            |        |          |         |          | _        | ļ    |       | 138      |   | $\sqcup$ | _      | _      |           | Ш        |           | <u> </u>  | <u> </u>         |
| <u> </u> | 39       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        |           |    | Ш                                   |                                     | L        | Ш |            | L        |       | 89       | Ш |        |         | ļ          |        |          | _       | _        |          | ļ    |       | 139      |   | $\sqcup$ | _      | _      |           | Щ        |           | <u></u>   | $\vdash$         |
| L        | 40       | _                                   |          |           | L  | <u> </u>                            | L_                                  | Ш        | Ш |            | L        |       | 90       | Щ |        |         |            |        |          |         | _        | _        |      |       | 140      |   | Щ.       | _ļ     | _      | Ш         | Ш        | Щ         | <u></u>   | <u>—</u>         |
|          | 41       | L_                                  | <u> </u> |           |    |                                     | L.                                  | L        | Ш |            | _        |       | 91       |   |        | _       |            | _      | ·        | _       | $\dashv$ | _        | ļ    |       | 141      |   | $\sqcup$ |        |        |           |          | Ш         | <u> </u>  | ⊢                |
|          | 42       |                                     |          |           |    | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                                     | <u> </u> | Щ | ļ          | L        |       | 92       |   |        | _       | _          |        |          | _       |          | Ц        | ļ    |       | 142      |   | $\sqcup$ |        | _      |           |          | Ш         | <u></u> ' | ├                |
|          | 43       | <u> </u>                            | Ш        | Ш         | _  |                                     | <u> </u>                            | $\vdash$ | Щ |            | L        |       | 93       |   | $\Box$ | _       |            | _      | _        | _       | 4        | _        |      |       | 143      |   | $\sqcup$ | _      | _      |           | Щ        | Щ         | <u></u>   | ⊢                |
|          | 44       |                                     | Ш        | Ш         |    | $\vdash$                            | <u> </u>                            | <u> </u> | Щ |            | <u> </u> |       | 94       | Щ | _      | _       |            |        | _        | _       | _        | _        | - 1  |       | 144      |   | $\sqcup$ | _      | _      | Щ         | -        | Щ         | <u> </u>  | <del> </del>     |
|          | 45       | <u> </u>                            | Ш        |           |    | <u> </u>                            | <u> </u>                            | $\vdash$ | Ш |            | <u> </u> |       | 95       | Щ | $\Box$ | _       |            |        | _        |         |          | _        | ļ    |       | 145      |   | $\sqcup$ | _      | _      |           | <u> </u> | Щ         | <u> </u>  | <u> </u>         |
|          | 46       | <u> </u>                            |          | Щ         |    |                                     | <u> </u>                            | <u> </u> | Ш |            | L        |       | 96       | Щ | _      | 4       |            | _      |          |         | _        | 4        | - 1  |       | 146      | _ | $\dashv$ |        |        | Щ         |          | $\vdash$  |           | -                |
|          | 47       | <b>├</b>                            |          |           |    | $\vdash$                            | $\vdash$                            | $\vdash$ | Щ |            | -        |       | 97       |   |        | _       |            | _      |          |         |          | ᆜ        |      |       | 147      |   | $\dashv$ | _      | 4      | $\square$ |          | $\dashv$  | <u></u> ' | ⊢                |
|          | 48       | <u> </u>                            | Щ        |           | _  | $\vdash$                            | _                                   | $\vdash$ | Ш |            | -        |       | 98       |   |        | _       | _          | _      | _        | _       |          | $\dashv$ | - 1  |       | 148      |   | $\vdash$ | -      |        | $\square$ | Ш        | $\dashv$  | <u></u>   | ⊢                |
|          | 49       | <u> </u>                            |          | $\square$ |    | <b> </b>                            |                                     | $\vdash$ | Ш |            | <br> -   |       | 99       | Ш | _      | _       |            |        |          | _       | .        | _        |      |       | 149      |   | $\vdash$ |        | _      | Щ         |          | $\dashv$  | <u></u>   | <u> </u>         |
|          | 50       |                                     |          |           |    |                                     | L.                                  | L        |   |            |          |       | 100      |   |        |         |            |        |          |         | 1        |          |      |       | 150      |   | 1 1      | - 1    |        |           |          | ı J       |           | I                |